

FORM PTO-1449 (Modified) (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	APPLICATION NO.
				018842.1319	10/510,342
				APPLICANT	
				Yukihiko Taguchi	
				FILING DATE	GROUP
				October 5, 2004	To be assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILED DATE & APPROPRIATE
		0	1	9	0	2	3	8					
	2003	0	1	9	0	2	3	8	10/9/03	Takai			
	2003	0	2	0	2	8	8	5	10/30/03	Taguchi			
		4	7	8	0	0	5	9	10/25/88	Taguchi			
		4	8	8	2	9	0	9	11/28/89	Terauchi			
		4	9	3	6	7	5	2	6/26/90	Terauchi			
		5	0	2	5	6	3	6	6/25/91	Terauchi			
		5	0	2	7	6	1	2	7/2/91	Terauchi			
		5	0	9	2	7	4	1	3/3/92	Taguchi			
		5	0	9	4	5	8	9	3/10/92	Terauchi <i>et al.</i>			
		5	1	4	5	3	2	5	9/8/92	Terauchi			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		2000	0	1	8	1	7	2					YES	NO
		11	1	0	7	9	2	9	4/20/99	Japan (with abstract)				x
		2002	0	7	0	7	3	0	3/8/02	Japan (with abstract)				x
		02	0	1	1	8	6	9	1/16/90	Japan (with abstract)				x
		06	1	7	3	8	5	1	6/21/94	Japan (with abstract)				x
		2000	2	8	3	0	2	8	10/10/00	Japan (with abstract)				x
		1	1	6	7	7	5	9	1/2/02	Europe			x	
		1	1	2	7	7	2	1	8/29/01	Europe			x	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	International Search Report, dated July 1, 2003

EXAMINER	<i>real / M. C.</i>	DATE CONSIDERED	03/12/2007
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.			

FORM PTO-1449 (Modified) (REV. 7-80)		U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE						ATTY. DOCKET NO. 018842.1319		APPLICATION NO. 10/510,342			
<b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)								APPLICANT					
								Yukihiko Taguchi					
								FILING DATE		GROUP			
								October 5, 2004		To be assigned			
<b>U. S. PATENT DOCUMENTS</b>													
EXAMINER INITIALS		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		5	1	4	5	3	2						6
<i>JW</i>		5	1	4	5	3	2	6	9/8/92	Kimura et al.			
<i>JW</i>		5	1	6	5	8	6	3	11/24/92	Taguchi			
<i>JW</i>		5	1	6	8	7	1	6	12/8/92	Terauchi			
<i>JW</i>		5	2	0	5	7	1	8	4/27/93	Fujisawa et al.			
<i>JW</i>		5	5	8	8	8	0	7	12/31/96	Kimura et al.			
<i>JW</i>		6	1	4	9	3	9	7	11/21/00	Mizutani et al.			
<i>JW</i>		6	1	9	6	8	0	8	3/6/01	Taguchi			
<i>JW</i>		6	3	7	3	6	7	7	4/16/02	Ikeda			
<i>JW</i>		6	6	8	4	6	5	5	2/3/04	Terauchi			
<b>FOREIGN PATENT DOCUMENTS</b>													
EXAMINER INITIALS		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		1	1	7	2	5	5					9	YES
<i>JW</i>		1	1	7	2	5	5	9	1/16/02	Europe			<input checked="" type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>													
EXAMINER <i>JW</i>		DATE CONSIDERED 03/12/2007											
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									018842.1319		10/510,342				
									APPLICANT						
									Yukihiko Taguchi						
									FILING DATE		GROUP				
									October 5, 2004		3746				
<b>U. S. PATENT DOCUMENTS</b>															
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE		
		4	8	7	8	8	1	7							
		4	8	7	8	1	7	11/7/89	Kikuchi <i>et al.</i>						
		6	1	0	2	6	7	0	8/15/00	Taguchi					
		6	3	5	0	1	0	6	2/26/02	Shimizu <i>et al.</i>					
		6	3	6	8	0	7	0	4/9/02	Takai					
		6	6	8	4	6	5	5	2/3/04	Terauchi					
		6	1	3	8	4	6	8	10/31/00	Yokomachi					
		6	1	5	2	8	4	5	11/28/00	Okada <i>et al.</i>					
		6	1	6	4	9	2	5	12/26/00	Yokomachi <i>et al.</i>					
		6	2	1	3	7	2	7	4/10/01	Kawaguchi					
		6	2	2	4	3	4	8	5/1/01	Fukanuma					
<b>FOREIGN PATENT DOCUMENTS</b>															
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>															
EXAMINER	<i>Mark A. Wiles</i>							DATE CONSIDERED	8/12/2007						
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see next sheet


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 (REV. 7-80)

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 PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPLICATION NO.

018842.1319

10/510,342

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Yukihiko Taguchi

FILING DATE

October 5, 2004

GROUP

3746

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
		4	8	7	8	8	1	7					
		6	1	0	2	6	7	0	8/15/00	Taguchi			
		6	3	5	0	1	0	6	2/26/02	Shimizu <i>et al.</i>			
		6	3	6	8	0	7	0	4/9/02	Takai			
		6	6	8	4	6	5	5	2/3/04	Terauchi			
		6	1	3	8	4	6	8	10/31/00	Yokomachi			
		6	1	5	2	8	4	5	11/28/00	Okada <i>et al.</i>			
		6	1	6	4	9	2	5	12/26/00	Yokomachi <i>et al.</i>			
		6	2	1	3	7	2	7	4/10/01	Kawaguchi			
		6	2	2	4	3	4	8	5/1/01	Fukanuma			

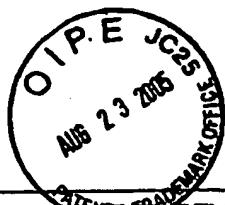
## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		1	3	3	0	5	3						YES	NO
	2001	1	3	3	0	5	3		5/18/01	Japan (with abstract)				x
	2000	1	5	8	9	3	9		6/13/00	Japan (with abstract)				x

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER INITIAL	/	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE	
		0	1	6	3	6	2						4
	2005	0	1	6	3	6	2	4	7/28/05	Taguchi			
	2002	0	1	8	2	0	8	7	12/5/02	Okii et al.			
	2005	0	0	3	4	4	6	9	2/17/05	Ochiai			
<b>FOREIGN PATENT DOCUMENTS</b>													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>													
EXAMINER			DATE CONSIDERED		3/12/2007								
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